

M.S. in Occupational Safety Management

Students will:

- Demonstrate how to anticipate, recognize, evaluate, prevent and control strategies for hazardous conditions and work practices.
- Apply sampling, measurement methods, and control technologies to physical, chemical, and biological contaminant exposure risks.
- Demonstrate the fundamental aspects of safety, industrial hygiene, environmental science, fire science, hazardous materials, emergency management, ergonomics and/or human factors.
- Evaluate safety, health, and/or environmental programs of their design.
- Apply adult learning theory to safety training methodology.
- Apply relevant standards, regulations, and codes.
- Conduct accident investigations and analyses.
- Apply principles of safety and health in a non-academic setting through an intern, cooperative, or supervised experience.
- Demonstrate both mastery of the subject matter and a high level of oral and written communication skills.